

Monthly Summary Sheet for May 2003

Gilbert and Mosley Project – Wichita, Kansas

Plumes ABE Construction Activities

CDM continued the Phase III (fish observatory, creek, irrigation system, berms, etc.) construction activities in May 2003, and the groundwater treatment system continued to pump and treat large quantities of contaminated groundwater. The Substantial Completion Walkthroughs for the Phase I Treatment Building and the Phase II Environmental Education Building and Plaza Area were conducted on May 5th with City of Wichita, CDM, GossenLivingston, and contractor staff; and CDM began work on completing the remaining construction items. The Phase III construction efforts during May included various items (interior habitat facade, lights, concrete benches, and retaining wall) associated with the fish observatory (shown to the right); additional irrigation system items; installation of the clearwell pump to use the treated water for the water features; numerous sidewalk sections; and various other items. The groundwater treatment system pumped and treated over 29 million gallons of contaminated groundwater during May 2003 for a total treated volume of approximately 176 million gallons.



Anticipated June activities: The construction efforts for the various Phase III site improvement items (fish observatory and seating area, creek, berms, irrigation system, etc.) will continue, and the groundwater treatment system will continue to pump and treat approximately 1.2 million gallons of groundwater a day.

Monitoring Activities

CDM completed the preparation of the First Quarter 2003 Site Monitoring Network Report to present data from 143 groundwater/surface water samples and water level elevation data from 161 measuring points. CDM also continued the Plumes ABE treatment system performance monitoring with the collection of extraction well water level data and collection of samples from the extraction wells and the treatment system influent and effluent flows. KDHE staff conducted field investigations and evaluations to determine the solution for the MTBE detected in the groundwater at several locations throughout the Gilbert and Mosley Site. KDHE reviewed the City of Wichita's April 24, 2003 letter containing recommendations for modifications to the Gilbert and Mosley Site Monitoring Network, and KDHE approved the removal of 18 monitoring wells from the Gilbert and Mosley Site Monitoring Network sampling efforts and a revision of the sampling frequency of other monitoring wells from quarterly to either semi-annually or annually.

Anticipated June activities: CDM will conduct the field efforts for the Second Quarter 2003 Site Monitoring Network sampling event and will then begin the preparation of the Second Quarter 2003 Site Monitoring Network Report to present the water level data and analytical results from the sampling efforts.

Source Area Activities

CDM continued to prepare the draft source control measures reports for the Harcros (727 E. Osie Street) and Tri-State Central (724 E. Osie Street) source areas and for the South Washington and English (149 and 157 S. Washington) source areas.

Anticipated June activities: CDM will continue the source area investigation work at the Harcros, Tri-State Central, and South Washington and English source areas with the final preparation of the source control measures reports.